

PowerSUM D8PS Stranded Cordage Modular Patch Cord (Megapack of 100)

Product Classification

Regional Availability Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio SYSTIMAX®

Product Type Twisted pair patch cord

Product Brand PowerSUM

Product Series KPC

Ordering Note Cords < 1 m are valid elements for use in a channel or as an equipment interconnect

> but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords | Cords > 1 m are authorized for use in channels and are an effective standalone method used to

connect active devices

General Specifications

ANSI/TIA Category 5e

Cable Type U/UTP (unshielded)

Conductor Type Stranded Interface, Connector A RJ45 plug Interface Feature, connector A Standard Interface, Connector B RJ45 plug Standard

Interface Feature, connector B

Jacket Color Black | Blue | Dark gray | Light blue | Lilac | Orange | Red | Spring

green | White | Yellow

Pairs, quantity

Transmission Standards IEEE 802.3bt Type 4

Wiring T568B

Dimensions

Cable Assembly Length Range (m) 1 - 2

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Cable Assembly Length Range (ft)1-7Cable Assembly Length Range (cm)15-200Cable Assembly Length Range (in)6-84

Diameter Over Jacket 5.72 mm | 0.225 in

Compatible Conductor Gauge, stranded 24 AWG

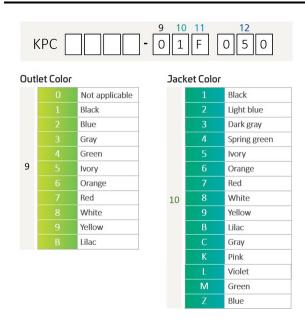
Wiring Diagram

	Connector A	Connector B
Position 1	White/Orange	White/Orange
Position 2	Orange	Orange
Position 3	Lt. Green	Lt. Green
Position 4	Blue	Blue
Position 5	Lt. Blue	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

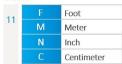
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



UOM



Length



Notes

- · Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices
- Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | Polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum 750 times

Plug Retention Force, minimum 133 N | 29.9 lbf

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)

Environmental Space Non-plenum **Flammability Rating** UL 94 V-0

Safety Standard Anatel | ETL | cETL

Packaging and Weights

Packaging quantity 100

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system



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